Work Orde				*107	7655*						Page 1
Item ID: Revision ID:	D4025-5 Fuel Quantity			Accept	*N900	040	100)* s	etup Sta	IA	S1* S2*
Start Date: Required Date: Reference:	9/27/13 9/27/13	Start Qty: 8.00 Req'd Qty: 8.00	*8* *8*		Cust Item I Customer:	D:					
Approvals:		an: MUS	Date: <u>\(\) \(\)</u>			ate:		R	dun Sta Sto	1/7	R1* R2*
Sequence ID/ Work Center II	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Re	vision Nbr									
D4025	В										
*100 *100* Purchasing Purchasing		Purchase pa Part #: 224- Possible Su	2/5/0 rt as per Dwg D4025 260 pplier: Forsters Intruments ease note required	0.00					<u> </u>	0/01	8
110		Receive & Inspect for D	amage & Mat'l Certs	0.00			\sim			117	8
*11 0 * Packaging		Memo		0.00)		101	[[5]_[

Packaging

HOLD IN VERTICAL POSITION AND MEASURE RESISTANCE
READING FOR LOWER LIMIT. ROTATE 180 DEGREES AND MEASURE
RESISTANCE FOR UPPER LIMIT AS PER DWG***

									DQA:	Date:	
NCR: Yes	/ No				WORK ORDER NON-C	ONFOR	MANCE / UP		QA Closed:	Date:	
Work Order:					DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part No.					Rework Scrap Use-as-is Work Order Update	1 1	Skid-tube Machining moforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet od. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Desc	ription	Date	Verification	QC Inspec
Doc/Data											
Equip/Tooling							İ				
Operator											
Material											

QC Inspector

Landing	Gear	General		_			
	Bending	Bend		Grain	П	Ovalized	Pressure/Forced
	Centre Not Concentric to O/S	BOM/Route		Hardware		Over/Under tolerance	Temperature/Cure
	Cracks	Broken/Damaged		Inspection Incomplete		Part Incorrect	Weld
	Crushed/Crimped.	Burrs		Instructions Incomplete/Unclear		Part Lost/Missing	Wrong Stock Pulled
	Cuffs	Contamination		Maintenance		Part Moved	 _
	Heat Treat	Countersink	Г	Mislabeled	Г	Positioned Wrong	
	Inspection Strip in Tube	Cut Too Short		Misread		Power Loss/Surge	Other
	Ripples in Bend	Drill Holes	Г	Offset		_	
	Torque Waves in Extrusion	Drawing		Out of Calibration			
	Turning Sequence	Finish		Out of Sequence			
	Wave/Twist in Tube	Folio		Outside Dimensions			

FAULT CATEGORY

Setup Other Process Supplier Training Unapproved **Start Date:**

Reference:

Approvals:

Sequence ID/

120

Quality Control

120

Packaging

120

130

Work Center ID

Required Date: 9/27/13

Work Ord	ler ID	107655
September-27-	13 1:05:2	28 PM
Item ID:	D4025-	.5
Revision ID:		
Item Name:	Fuel Qu	antity Sender

9/27/13

Accept

Tooling:

Date:

SPC (Y/N):

1076	355						Page 2
ept	*N900	<u>040</u>	100)* s	etup Star	*N	S1*
				÷	Stop	*N	S2*
	Cust Item I	D:					
ooling:	De	ıte:	-	R	tun Star	¹ *N	R1*
PC (Y/N):		ite:			Sto	*N	R2*
Set Up/ Run Hours DAS	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
0.00 27 0.00 3 6	8			8			
at.							
0.00	•			8v			DAS 26
0.00				$\mathcal{L}_{\mathcal{L}}$			9-89

Packaging QC21- Final Inspection - Work Order Release 0.00 140 *140* 0.00 Memo **Quality Control**

Start Qty: 8.00

Req'd Qty: 8.00

Operation

Description

Process Plan: Date:

QC6-Inspect dimensions to drawing

Identify as per dwg & Stock Location

Memo

Memo

13-10-9 MF 10-8

										DQA:	Date	e: ,
NCR:	Yes / No				WORK ORDER NON-O	COI	NFORM	MANCE / UPDATE		•		
_										QA Closed:	Date	: -
Work Ord	۵r۰				DISPOSITION			AGAINS'	ſ DE	PARTMENT	PROCESS	
Part I	No				Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube Crosstube Machining Small Fal noforming Finishing Large Fab Composite	g	4	Water Jet d. Eng. Coor. e/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update		Initial	Action		Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Description		Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling						l						
Operator												
Material												
Setup												
Other												
Process												
Supplier												
Training												
Unapproved			<u> </u>									
, a.,					F	AUL	T CATE	GORY				
Landi	ng Gear		•		General		-			-	_	_
	Bending				Bend		Grain		L	Ovalized	L	Pressure/Forced
	Centre N	ot Conce	ntric to	o/s	BOM/Route	L	Hardwa	re	L	Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged		Inspecti	on Incomplete	L	Part Incorred	ct [Weld
	Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/Unclear		Part Lost/Mi	ssing	Wrong Stock Pulled
	Cuffs				Contamination		Mainte	nance		Part Moved		
	Heat Trea	at			Countersink		Mislabe	led		Positioned V	Vrong	

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Power Loss/Surge

Other

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

Folio

Picklist Print

'September-27-13 1:05:27 PM

Work Order ID:

107655

Parent Item:

D4025-5

Parent Item Name:

Fuel Quantity Sender

Start Date: 9/27/13

Required Date: 9/27/13

Start Qty: 8.00

Required Qty: 8.00

Comments:

IPP REV:A 11.11.22 NEW ISSUE DD VERF;EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
224-260 Fuel Sender 224-260-SP		Purchased	No			110	Each	0.0000	1	8	19	3/12	8)_

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											DQA:	Date:	
NCR:	/es	/ No				WORK ORDER NON-	-COI	VFOR	MANCE / UP	DATE	QA Closed:	 Date:	¥
		., .											
Work Orde	er:					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part N						Rework Scrap Use-as-is		ı	Skid-tube Machining Moforming	Crosstube Small Fab Finishing		Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other
NCR N	۱٥٠					Work Order Update			Large Fab	Composite	1 1100	Supplier	
Root					Descr	iption of work order update		Initial	Ac	tion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
oc/Data quip/Tooling Operator Material etup Other Process upplier Training													
Inapproved			<u> </u>				ΕΔΙΙΙ	T CATE	SORV				
Landi	ng (Gear				General	IAOL	.i CAIL	30,11				
		Bending Centre No Cracks Crushed/O Cuffs Heat Trea Inspection Ripples in	Crimped. t n Strip in		D/S	Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		4 `	on Incomplete ions Incomplete/ nance led	Unclear	Ovalized Over/Under Part Incorred Part Lost/Mider Part Moved Positioned V Power Loss/	ct issing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
1		Torque W	aves in E	xtrusion	` [Drawing		Out of 0	Calibration				
		Turning So	eauence			Finish		Out of S	Seauence				

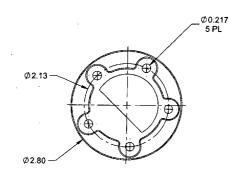
Outside Dimensions

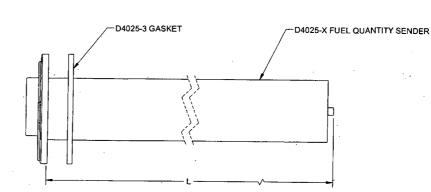
Wave/Twist in Tube

Folio

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4025-1	VDO-M47-JCA
D4025-3	N/A
D4025-5	N/A

SPECIFICATION CONTROL DRAWING





F	T	· · · · · · · · · · · · · · · · · · ·			,				
DART PART NUMBER	DESCRIPTION	MANUFACTURER	MANUFACTURER PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	LENGTH	LOWER RESISTANCE LIMIT	UPPER RESISTANCE LIMIT	MATERIAL
D4025-1	FUEL QUANTITY SENDER	VDO SIEMENS	224-011-000-650	FORSTER INSTRUMENTS	224-265	25.59	82.2 ± 2.5 OHMS	2.5 ± 1.5 OHMS	N/A
D4025-3	GASKET	VDO SIEMENS	N/A	FORSTER INSTRUMENTS	226-053	N/A	N/A	N/A	RUBBER
D4025-5	FUEL QUANTITY SENDER	VDO SIEMENS	224-011-000-600	FORSTER INSTRUMENTS	224-260	23.62	85.3 ± 2.5 OHMS	2.5 ± 1.5 OHMS	N/A



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LINE W

1309-30

В	ADDED -	3, ADDED S	UPPLIER PART NO.	DC	11.10.04
Α	NEW ISS	UE		HS	10.02.05
REV.			DESCRIPTION	BY	DATE
DESIG	N	45	DART AFI	ROSPACE	TD
DRAW	N	DC		, ONTARIO, CANA	
CHECK	ED	A	DRAWING NO.		REV. B
MFG. A	PPR.	E	D4025		SHEET 1 OF 1
APPRO	VED	12	TITLE		SCALE
			TILE OFNER		- 1

COPYRIGHT @ 2010 BY DART AEROSPACE LTD 11.10.04

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Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO21540

Purchase Order Date 10/1/2013 PO Print Date 10/1/2013

Page Number 1 of 1

Order From:

FORSTER INSTRUMENTS 7141 EDWARDS BLVD MISSISSAUGA, ON L5S 1Z2 CANADA VC-FOR002

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone Ship Via:

Ship Acct:

905 795 0555

FedEx Overnight collect

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms Currency Net 30 CAD

FOB

Destination-Collect

F@13/00D

Line Reference Description/ Req Date/ CD Req Qty/ PO Unit Price Extended Unit of Mfg ID Taxable Price Nbr Vendor Part Number Measure Line Comments **Promise Date Delivery Comments** 10/7/2013 8.00 \$90.50 224-260 Fuel Sender 224-260-SP \$724.00 Yes Each

10/7/2013

AS PER DWG D4025 REV. B B107655

NOTE: PART NEED TO BE TESTED FOR OHMS AND PLEASE INCLUDE REPORT

Line Total:

\$724.00

PO Total:

\$724.00

u cs

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required YES

PST# 6122-5207

Change Nbr:

Change Date:

10/1/2013



FORSTER INSTRUMENTS INC.

7141 EDWARDS BLVD., MISSISSAUGA, ONTARIO L5S 1Z2 D-U-N-S 25-530-6649 PHONE (905) 795-0555 • FAX (905) 795-0570 TOLL FREE 1-800-661-2994 • TOLL FREE FAX 1-800-632-9943 Toll Free within Canada only

Automotive and Industrial Instruments, Controls and Equipment

A/C 17.8

Page:

DART AEROSPACE LTD. 1270 ABERDEEN STREET

HAWKESBURY, ON K6A 1K7 - net 30 days from date of invoice unless otherwise stated

- pay from invoice, statements upon request only.

- all claims for shortage must be made within ten days after receipt of goods

- all claims for damage must be made with the carrier.

all goods F.O.B. our Mississauga warehouse.

TERMS AND CONDITIONS

- orders subject to a minimum invoice value of \$50:00.

goods cannot be returned without our Return Authorization Number returned goods must be freight prepaid.

any warranty expressed or implied is that of the manufacturer as stated in their literature title of goods does not pass until goods are paid for in full.

S

DART AEROSPACE LTD.

1270 ABERDEEN STREET

O HAWKESBURY, ON K6A 1K7

All the state of t

S/M TYPE PACKED BY CUSTOMER CUST. ORDER NO G.S.T. NUMBER SLOA R101272607 DARAER PO21540 OUR SALES ORDER NO. SHIPPING REF. NO. SHIP VIA DATE SHIPPED ORDER DATE FEDEX AIR S39371 01 01.10.13 DESCRIPTION PART NUMBER INE NO. QUAN FED EX ACCT# 15179324-0 FUEL SENDER # 224-260-SP & 224-265-SP/NEED TO BE CERTIFIED FOR ACCURACY PER CUSTOMER DRAWING. PARTS NEED TO BE TESTED FOR OHMS FUEL SENDERS AS PER CUSTOMER SPECS. SHIP DATE: OCT 03/13 DUE DATE: OCT 07/13 FEDEX OVERNIGHT COLLECT ENCLOSED C OF C PROD FUEL SENDER, 23.6", 54 m .04 8 224-260-SP Pick 8 Sets; P:0 C:8 _______

NOTE: PART NEEDS TO BE TESTED FOR OHMS AND PLEASE INCLUDE REPORT

AS PER DWG D4025 REV. B B107655



FORSTER INSTRUMENTS INC.



SEPTEMBER 30 2013

DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7

CERTIFICATE OF COMPLIANCE

We hereby certify that this shipping lot of 8 VDO tube type senders 224-260-SP

On your purchase order P021540, our packing slip S39371 tested within the Following ohms range.

EMPTY FULL

85.3 +/- 2.5 ohms 2.5 +/- 1.5 ohms

Yours truly

DON STRONGITHARM dcs/rmj